

W. Moore

1652MOORE

#5

Worm
9/24/99

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RAW SEQUENCE LISTING
PATENT APPLICATION US/09/249,543A

DATE: 09/24/1999
TIME: 15:56:01

Input Set: I249543A.RAW

This Raw Listing contains the General Information
Section and up to first 5 pages.

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1  <110> APPLICANT: Evans, Thomas
2      Xu, Ming-Qun
3  <120> TITLE OF INVENTION: Intein-Mediated Protein Ligation Of Expressed Proteins
4  <130> FILE REFERENCE: NEB-154
5  <140> CURRENT APPLICATION NUMBER: US/09/249,543A
6  <141> CURRENT FILING DATE: 1999-02-12
7  <160> NUMBER OF SEQ ID NOS: 24
8  <170> SOFTWARE: PatentIn Ver. 2.0
9  <210> SEQ ID NO 1
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11 <212> TYPE: DNA
12 <213> ORGANISM: Artificial Sequence
13 <220> FEATURE:
14 <223> OTHER INFORMATION: Description of Artificial Sequence: Chemically
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16     thermoautotrophicum.
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27     thermoautotrophicum.
28 <400> SEQUENCE: 2
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30     ccgtaaacag tagcgtcata aacatcctgg cgg 93
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32 <211> LENGTH: 100
33 <212> TYPE: DNA
34 <213> ORGANISM: Artificial Sequence
35 <220> FEATURE:
36 <223> OTHER INFORMATION: Description of Artificial Sequence: Chemically
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38     thermoautotrophicum.
39 <400> SEQUENCE: 3
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41     tatatgatct gcgtacacgt gagggtcatt gcttacgttt 100
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44 <212> TYPE: DNA
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49     thermoautotrophicum.
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52     actggaacgc ggcgaccgcc tggatgatgga tgatgcagct 100
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54 <211> LENGTH: 87
55 <212> TYPE: DNA
56 <213> ORGANISM: Artificial Sequence
57 <220> FEATURE:
58 <223> OTHER INFORMATION: Description of Artificial Sequence: Chemically
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60     thermoautotrophicum.
61 <400> SEQUENCE: 5
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63     tatgacgcta ctgtttacgg tgctagc 87
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65 <211> LENGTH: 49
66 <212> TYPE: DNA
67 <213> ORGANISM: Artificial Sequence
68 <220> FEATURE:
69 <223> OTHER INFORMATION: Description of Artificial Sequence: Chemically
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71     thermoautotrophicum.
72 <400> SEQUENCE: 6
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78 <220> FEATURE:
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81     thermoautotrophicum.
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86 <211> LENGTH: 90
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90 <223> OTHER INFORMATION: Description of Artificial Sequence: Chemically
91     Synthesized From Methanobacterium
92     thermoautotrophicum.
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94     gccattccag gccaccatcc atcaccagaa cacggtgatc atgggtcaaa cgtaagcaat 60
  
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103     thermoautotrophicum.
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106     cggatgaacgg ttgacctcc agttcagcca cagtgcg                      97
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114     thermoautotrophicum.
115     <400> SEQUENCE: 10
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123     Synthesized From Methanobacterium
124     thermoautotrophicum.
125     <400> SEQUENCE: 11
126     tcgaggcaac caacgcatgc gtatccggtg acaccattgt aatga              45
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128     <211> LENGTH: 45
129     <212> TYPE: DNA
130     <213> ORGANISM: Artificial Sequence
131     <220> FEATURE:
132     <223> OTHER INFORMATION: Description of Artificial Sequence: Chemically
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134     thermoautotrophicum.
135     <400> SEQUENCE: 12
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139     <212> TYPE: DNA
140     <213> ORGANISM: Artificial Sequence
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143     Synthesized From Methanobacterium
144     thermoautotrophicum.

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146 tcgagggctg cgtatccggt gacaccattg taatga 36
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149 <212> TYPE: DNA
150 <213> ORGANISM: Artificial Sequence
151 <220> FEATURE:
152 <223> OTHER INFORMATION: Description of Artificial Sequence: Chemically
153 Synthesized From Methanobacterium
154 thermoautotrophicum.
155 <400> SEQUENCE: 14
156 ctagtcatca caatggtgac accggatacg cagccc 36
157 <210> SEQ ID NO 15
158 <211> LENGTH: 54
159 <212> TYPE: DNA
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161 <220> FEATURE:
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164 thermoautotrophicum.
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174 thermoautotrophicum.
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193 Synthesized From Methanobacterium
194 thermoautotrophicum.

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202 <223> OTHER INFORMATION: Description of Artificial Sequence: Chemically
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204 thermoautotrophicum.
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206 gtacacgcat gcggcgagca gcccggga 28
207 <210> SEQ ID NO 20
208 <211> LENGTH: 28
209 <212> TYPE: DNA
210 <213> ORGANISM: Artificial Sequence
211 <220> FEATURE:
212 <223> OTHER INFORMATION: Description of Artificial Sequence: Chemically
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214 thermoautotrophicum.
215 <400> SEQUENCE: 20
216 ccggtccccg gctgctcgcc gcatgcgt 28
217 <210> SEQ ID NO 21
218 <211> LENGTH: 14
219 <212> TYPE: PRT
220 <213> ORGANISM: Artificial Sequence
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223 Synthesized From Methanobacterium
224 thermoautotrophicum.
225 <220> FEATURE:
226 <223> OTHER INFORMATION: At position 12, "Xaa" = any amino acid
227 <400> SEQUENCE: 21
228 Thr Leu Glu Gly Cys Gly Glu Gln Pro Thr Gly Xaa Leu Lys
229 1 5 10
230 <210> SEQ ID NO 22
231 <211> LENGTH: 7
232 <212> TYPE: PRT
233 <213> ORGANISM: Artificial Sequence
234 <220> FEATURE:
235 <223> OTHER INFORMATION: Description of Artificial Sequence: Chemically
236 Synthesized From Methanobacterium
237 thermoautotrophicum.
238 <400> SEQUENCE: 22
239 Cys Gly Glu Gln Pro Thr Gly
240 1 5
241 <210> SEQ ID NO 23
242 <211> LENGTH: 462
243 <212> TYPE: DNA
244 <213> ORGANISM: Artificial Sequence

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Input Set: I249543A.RAW

Line	? Error/Warning	Original Text
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